

Fig.1

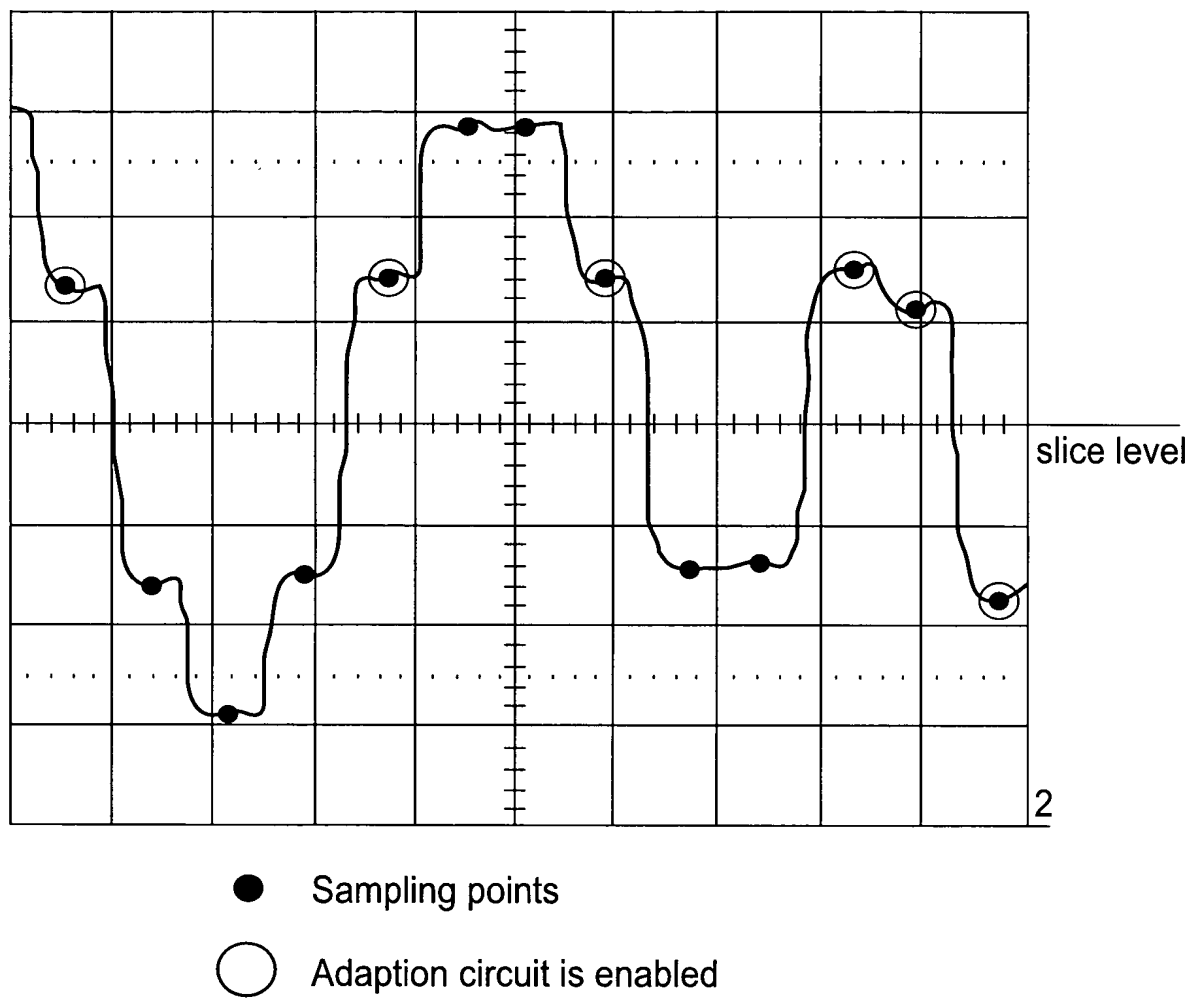


Fig.2

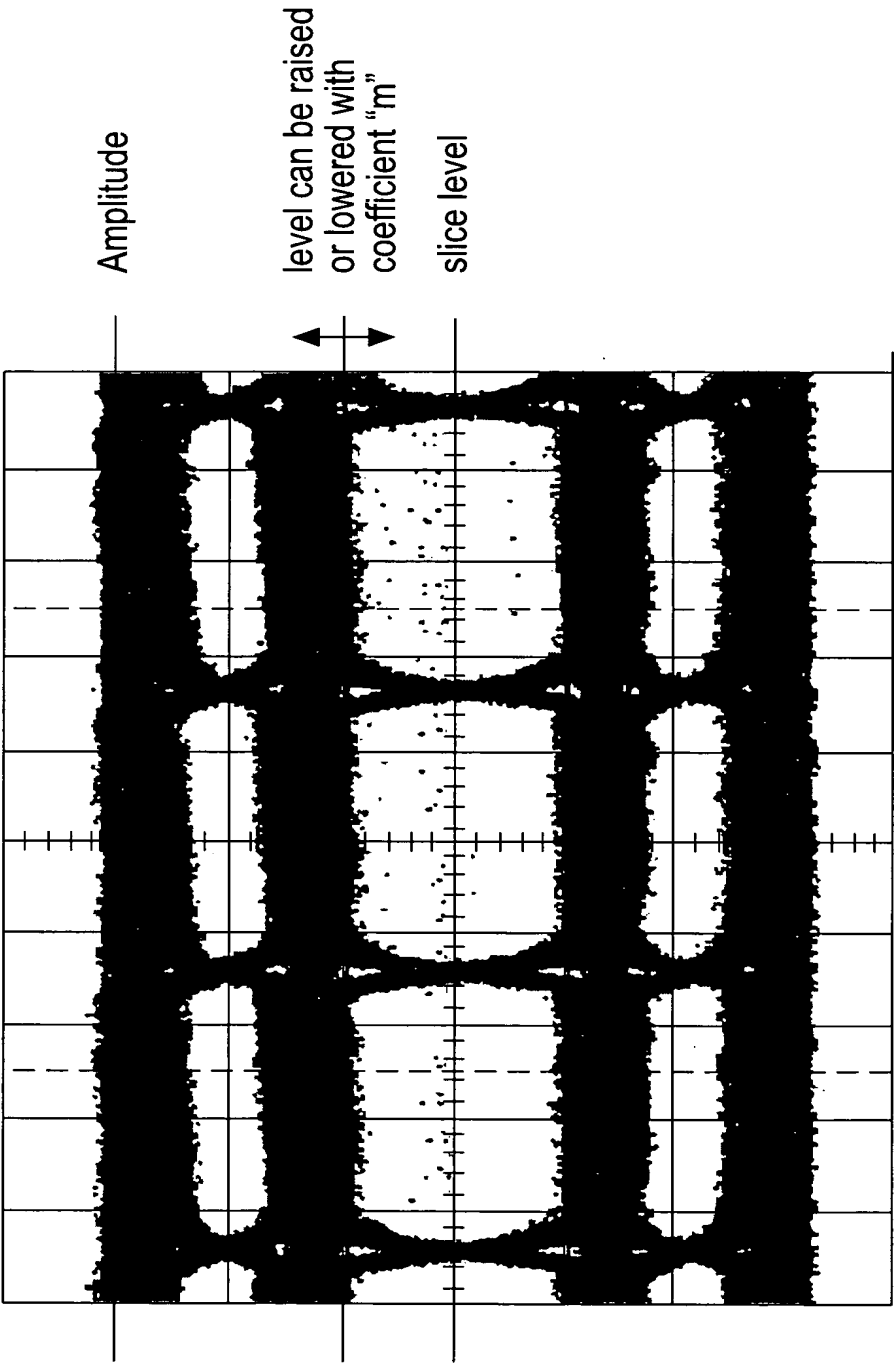


Fig.3

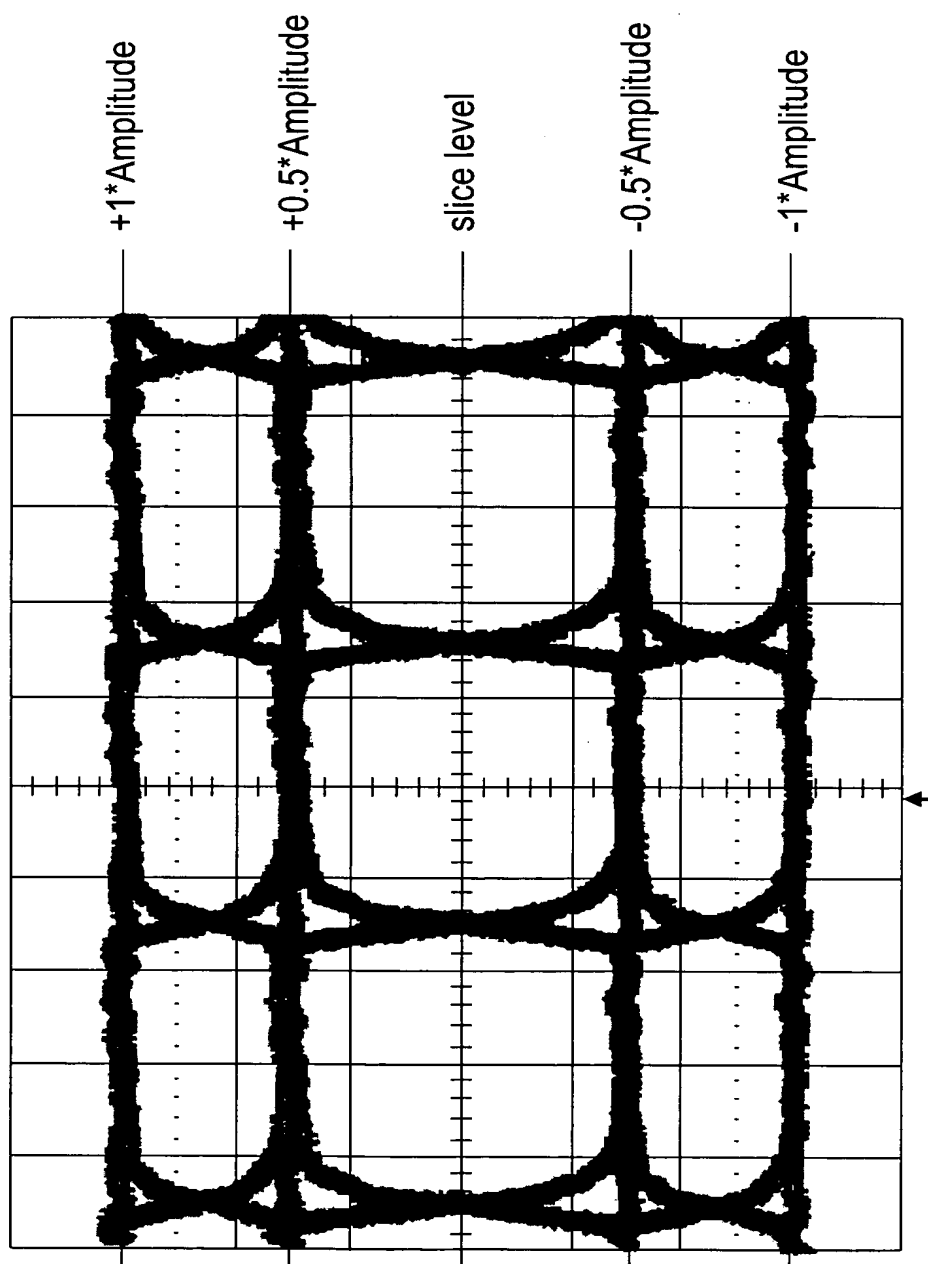


Fig.4

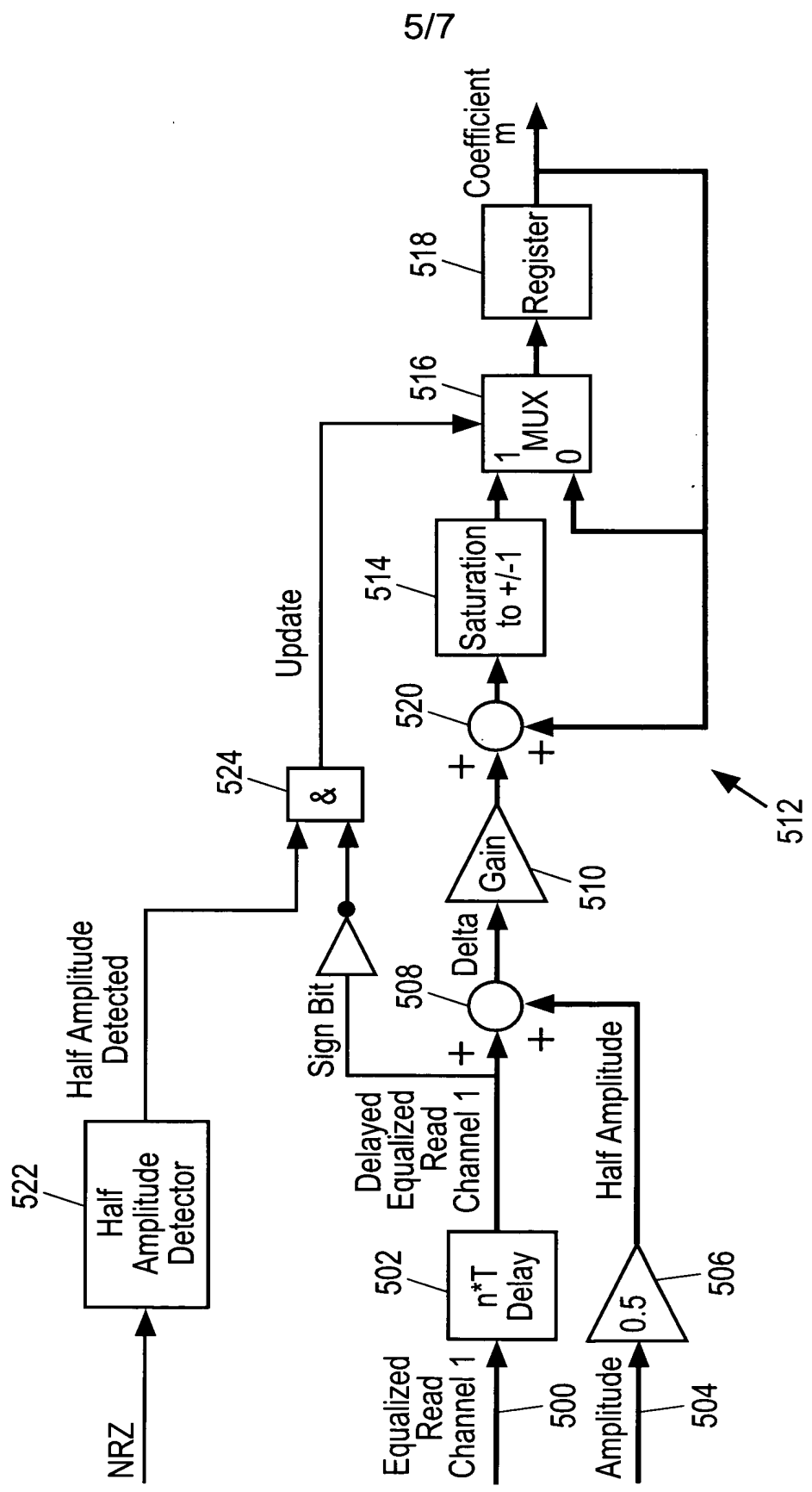
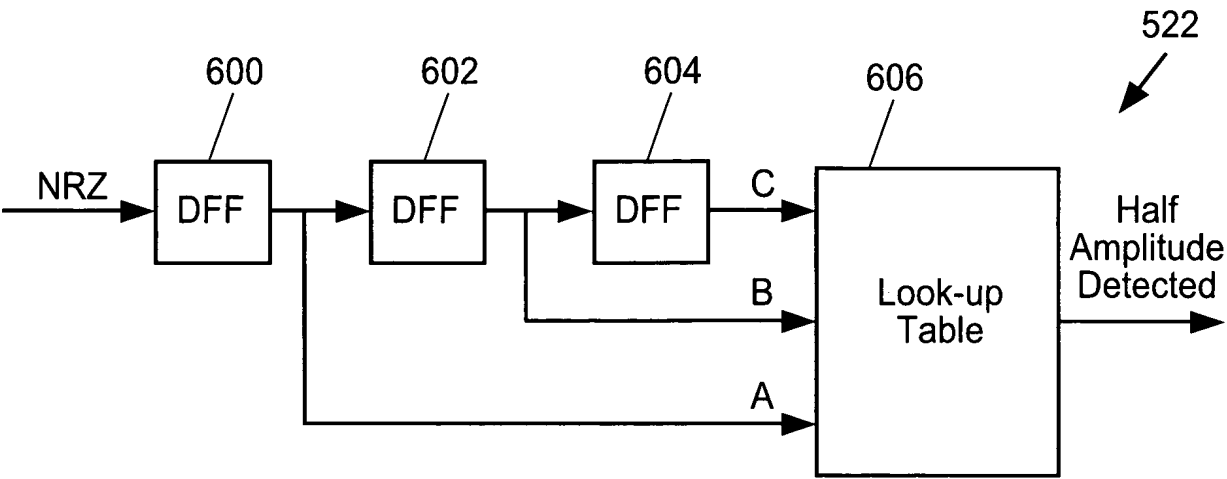


Fig.5



Look-up Table

| NRZ | | | Half Amplitude Detected |
|-----|---|---|----------------------------|
| C | B | A | |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |

Fig.6

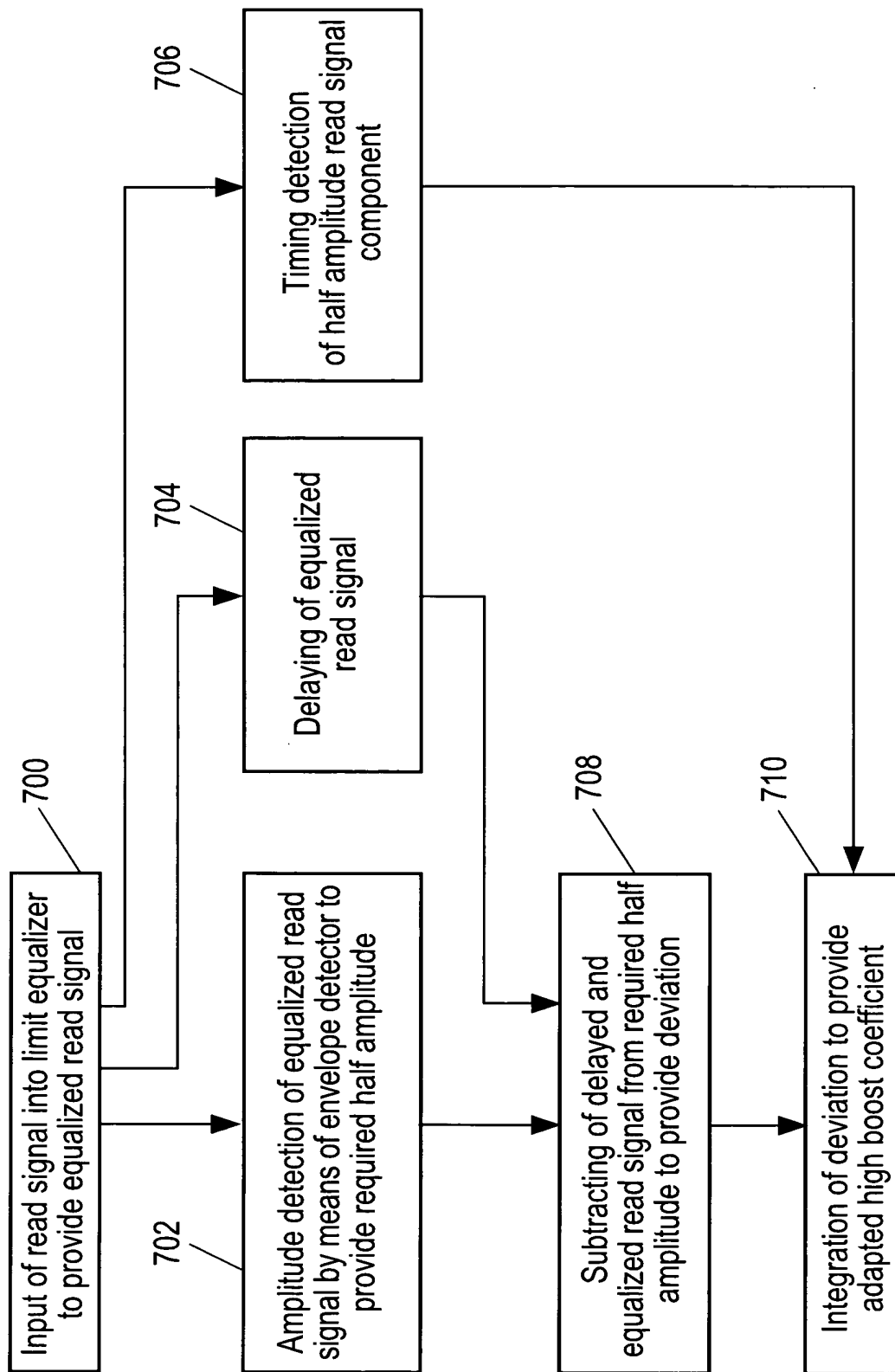


Fig.7